Author index

Alkonyi, I., see Sumegi, B. (1081) 121

Allen, D.W., Newman, L.M. and Okazaki, I.J.
Inhibition of arachidonic acid incorporation into erythrocyte phospholipids by peracetic acid and other peroxides. Role of arachidonoyl-CoA : 1-palmitoyl-*sn*-glycero-3-phosphocholine acyl transferase (1081) 267

Aoyama, Y., Yoshida, Y., Sonoda, Y. and Sato, Y.
Role of the side chain of lanosterol in substrate recognition and catalytic activity of lanosterol 14α-demethylase (cytochrome $P\text{-}450_{14DM}$) of yeast (1081) 262

Asotra, K., Lagos, N. and Vergara, J.
Synthesis of polyphosphoinositides in transverse tubule and sarcoplasmic reticulum membranes of frog skeletal muscle (1081) 229

Battioni, J.P., see Cucurou, C. (1081) 99

Bennett, C.F., see Winkler, J.D. (1081) 339

Berenson, G.S., see Srinivasan, S.R. (1081) 188

Bestmann, H.-J., see Reinke, M. (1081) 274

Bigner, D.D., see Gottfries, J. (1081) 253

Bindra, A. and Khuller, G.K.
Influence of aminophylline on the lipids in *Microsporum gypseum* (1081) 61

Borchman, D., see Lamba, O.P. (1081) 181

Bowler, A., see Mamo, J.C.L. (1081) 241

Brash, A.R., see Hughes, M.A. (1081) 347

Brindley, D.N., see Graham, A. (1081) 151

Bronstein, J.C., see Earles, S.M. (1081) 174

Brune, K., see Reinke, M. (1081) 274

Bull, A.W., see Earles, S.M. (1081) 174

Burgess, J.P., see Casey, W.M. (1081) 279

Casey, W.M., Burgess, J.P. and Parks, L.W.
Effect of sterol side-chain structure on the feed-back control of sterol biosynthesis in yeast (1081) 279

Ceryak, S., see Malavolti, M. (1081) 106

Chap, H., see Collet, X. (1081) 211

Chilton, F.H., see Winkler, J.D. (1081) 339

Christensen, E., Grønn, M., Hagve, T.-A. and Christophersen, B.O.
Omega-oxidation of fatty acids studied in isolated liver cells (1081) 167

Christensen, E., see Grønn, M. (1081) 85

Christie, W.W., see Graham, A. (1081) 151

Christophersen, B.O., see Christensen, E. (1081) 167

Christophersen, B.O., see Grønn, M. (1081) 85

Collet, X., Vieu, C., Chap, H. and Perret, B.-P.
Behaviour of phospholipase modified-HDL towards cultured hepatocytes. II. Increased cell cholesterol storage and bile acid synthesis (1081) 211

Croset, M., see Sarda, N. (1081) 75

Cucurou, C., Battioni, J.P., Daniel, R. and Mansuy, D.
Peroxidase-like activity of lipoxygenases: different substrate specificity of potato 5-lipoxygenase and soybean 15-lipoxygenase and particular affinity of vitamin E derivatives for the 5-lipoxygenase (1081) 99

Dabach, Y., see Stein, O. (1081) 238

Daniel, R., see Cucurou, C. (1081) 99

De La Vega, F.M. and Mendoza-Figueroa, T.
Effects of probucol on lipid metabolism and secretion in long-term cultures of adult rat hepatocytes (1081) 293

DeLuca Jr., P.M., see Tsao, F.H.C. (1081) 141

De Wit, E., see Mulder, M. (1081) 308

Earles, S.M., Bronstein, J.C., Winner, D.L. and Bull, A.W.
Metabolism of oxidized linoleic acid: characterization of 13-hydroxyoctadecadienoic acid dehydrogenase activity from rat colonic tissue (1081) 174

Eberle, K., see Srinivasan, S.R. (1081) 188

Elsegood, C.L., see Mamo, J.C.L. (1081) 241

Esterbauer, H., see Sattler, W. (1081) 65

Falck, J.R., see Westlund, P. (1081) 301

Foo, T.K.F., see Tsao, F.H.C. (1081) 141

Fredman, P., see Gottfries, J. (1081) 253

Friedman, H.S., see Gottfries, J. (1081) 253

Fromm, H., see Malavolti, M. (1081) 106

Gharib, A., see Sarda, N. (1081) 75

Goto, I., see Kobayashi, T. (1081) 159

Gottfries, J., Percy, A.K., Månsson, J.-E., Fredman, P., Wikstrand, C.J., Friedman, H.S., Bigner, D.D. and Svennerholm, L.
Glycolipids and glycosyltransferases in permanent cell lines established from human medulloblastomas (1081) 253

Graham, A., Zammit, V.A., Christie, W.W. and Brindley, D.N.
Sexual dimorphism in the preferential secretion of unsaturated lysophosphatidylcholine by rat hepatocytes but no secretion by sheep hepatocytes (1081) 151

Grechkin, A.N., Kuramshin, R.A., Safonova, E.Y., Yefremov, Y.J., Latypov, S.K., Ilyasov, A.V. and Tarchevsky, I.A.
Double hydroperoxidation of α-linolenic acid by potato tuber lipoxygenase (1081) 79

Grønn, M., Christensen, E., Hagve, T.-A. and Christophersen, B.O.
Peroxisomal retroconversion of docosahexaenoic acid ($22:6(n-3)$) to eicosapentaenoic acid ($20:5(n-3)$) studied in isolated rat liver cells (1081) 85

Grønn, M., see Christensen, E. (1081) 167

Grube, C., see Seeger, W. (1081) 45

Günther, A., see Seeger, W. (1081) 45

Hagve, T.-A., see Christensen, E. (1081) 167

Hagve, T.-A., see Grønn, M. (1081) 85

Hardeman, D. and Van den Bosch, H.
Localization of enzymes involved in glycero-ether bond formation in rat liver (1081) 285

Hatch, G.M., Tsukitani, Y. and Vance, D.E.
The protein phosphatase inhibitor, okadaic acid, inhibits phosphatidylcholine biosynthesis in isolated rat hepatocytes (1081) 25

Havekes, L.M., see Mulder, M. (1081) 308

Heimberg, M., see Wilcox, H.G. (1081) 246

Heydeck, D., see Kühn, H. (1081) 129

Hollander, G., see Stein, O. (1081) 238

Holub, B.J., see Thomas, L.M. (1081) 92

Hopkins, L., see Martins, I.J. (1081) 328

Hoppe, U., see Reinke, M. (1081) 274

Hori, T., see Itonori, S. (1081) 321

Hughes, M.A. and Brash, A.R.
Investigation of the mechanism of biosynthesis of 8-hydroxy-eicosatetraenoic acid in mouse skin (1081) 347

Hull, W.M., see Tsao, F.H.C. (1081) 141

Ibdah, J.A., Smith, C., Lund-Katz, S. and Phillips, M.C.
Effects of apolipoprotein structure on the kinetics of apolipoprotein transfer between phospholipid vesicles (1081) 220
Ilyasov, A.V., see Grechkin, A.N. (1081) 79
Itasaka, O., see Itonori, S. (1081) 321
Itonori, S., Kamemura, K., Narushima, K., Sonku, N., Itasaka, O., Hori, T. and Sugita, M.
Characterization of a new phosphonocerebroside, *N*-methyl-2-aminoethylphosphonylglucosylceramide, from the antarctic krill, *Euphausia superba* (1081) 321

Joll, C.A., see Martins, I.J. (1081) 328

Kamemura, K., see Itonori, S. (1081) 321
Kasama, T., see Takikawa, H. (1081) 39
Khuller, G.K., see Bindra, A. (1081) 61
Klein, W., see Van der Pal, R.H.M. (1081) 315
Kobayashi, T. and Goto, I.
A sensitive assay of lysogangliosides using high-performance liquid chromatography (1081) 159
Kostner, G.M., see Sattler, W. (1081) 65
Kühn, H., Heydeck, D. and Sprecher, H.
On the mechanistic reasons for the dual positional specificity of the reticulocyte lipoxygenase (1081) 129
Kuramshin, R.A., see Grechkin, A.N. (1081) 79
Kuroki, Y., see Shimizu, H. (1081) 53

Lagarde, M., see Sarda, N. (1081) 75
Lagos, N., see Asotra, K. (1081) 229
Lal, S., see Lamba, O.P. (1081) 181
Lamba, O.P., Lal, S., Yappert, M.C., Lou, M.F. and Borchman, D.
Spectroscopic detection of lipid peroxidation products and structural changes in a sphingomyelin model system (1081) 181
Latypov, S.K., see Grechkin, A.N. (1081) 79
Lopes-Cardozo, M., see Van der Pal, R.H.M. (1081) 315
Lou, M.F., see Lamba, O.P. (1081) 181
Lumin, S., see Westlund, P. (1081) 301
Lund-Katz, S., see Ibdah, J.A. (1081) 220

Maatman, R.G.H.J., see Veerkamp, J.H. (1081) 1
Malavolti, M., Fromm, H., Ceryak, S. and Shehan, K.L.
Cerebral low-density lipoprotein (LDL) uptake is stimulated by acute bile drainage (1081) 106
Mamo, J.C.L., Bowler, A., Elsegood, C.L. and Redgrave, T.G.
Defective plasma clearance of chylomicron-like lipid emulsions in Watanabe heritable hyperlipidemic rabbits (1081) 241
Månsson, J.-E., see Gottfries, J. (1081) 253
Mansuy, D., see Cucurou, C. (1081) 99
Martins, I.J., Hopkins, L., Joll, C.A. and Redgrave, T.G.
Interactions between model triacylglycerol-rich lipoproteins and high-density lipoproteins in rat, rabbit and man (1081) 328
Meese, C.O., see Uedelhoven, W.M. (1081) 197
Mendoza-Figueroa, T., see De La Vega, F.M. (1081) 293
Miyamura, K., see Shimizu, H. (1081) 53
Molière, P., see Sarda, N. (1081) 75
Mollenhauer, J., see Reinke, M. (1081) 274
Mulder, M., De Wit, E. and Havekes, L.M.
The binding of human lipoprotein lipase treated VLDL by the human hepatoma cell line HepG2 (1081) 308

Narushima, K., see Itonori, S. (1081) 321
Newman, L.M., see Allen, D.W. (1081) 267

Ohki, H., see Takikawa, H. (1081) 39
Okazaki, I.J., see Allen, D.W. (1081) 267

Palmblad, J., see Westlund, P. (1081) 301
Parks, L.W., see Casey, W.M. (1081) 279
Peeters, R.A., see Veerkamp, J.H. (1081) 1
Percy, A.K., see Gottfries, J. (1081) 253
Perret, B.-P., see Collet, X. (1081) 211
Phillips, M.C., see Ibdah, J.A. (1081) 220
Porpaczy, Z., see Sumegi, B. (1081) 121

Radhakrishnamurthy, B., see Srinivasan, S.R. (1081) 188
Reagan, Jr., J.W. and St. Clair, R.W.
In vivo clearance of low-density lipoproteins and β-very-low-density lipoproteins in normal and hypercholesterolemic White Carneau pigeons (1081) 202
Redgrave, T.G., see Mamo, J.C.L. (1081) 241
Redgrave, T.G., see Martins, I.J. (1081) 328
Reinke, M., Hoppe, U., Röder, T., Bestmann, H.-J., Mollenhauer, J. and Brune, K.
A monoclonal antibody against the sulfidopeptide leukotrienes LTC_4, LTD_4 and LTE_4 (1081) 274
Röder, T., see Reinke, M. (1081) 274
Rützel, A., see Uedelhoven, W.M. (1081) 197

Safonova, E.Y., see Grechkin, A.N. (1081) 79
Sano, N., see Takikawa, H. (1081) 39
Sarda, N., Gharib, A., Croset, M., Molière, P. and Lagarde, M.
Fatty acid composition of the rat pineal gland. Dietary modifications (1081) 75
Sato, Y., see Aoyama, Y. (1081) 262
Sattler, W., Kostner, G.M., Waeg, G. and Esterbauer, H.
Oxidation of lipoprotein Lp(a). A comparison with low-density lipoproteins (1081) 65
Schulz, H.
Beta oxidation of fatty acids (1081) 109
Seeger, W., Thede, C., Günther, A. and Grube, C.
Surface properties and sensitivity to protein-inhibition of a recombinant apoprotein C-based phospholipid mixture in vitro – comparison to natural surfactant (1081) 45
Shehan, K.L., see Malavolti, M. (1081) 106
Shimizu, H., Miyamura, K. and Kuroki, Y.
Appearance of surfactant proteins, SP-A and SP-B, in developing rat lung and the effects of in vivo dexamethasone treatment (1081) 53
Silver, M.J., see Wojenski, C.M. (1081) 33
Smith, C., see Ibdah, J.A. (1081) 220
Sonku, N., see Itonori, S. (1081) 321
Sonoda, Y., see Aoyama, Y. (1081) 262
Sprecher, H., see Kühn, H. (1081) 129
Srinivasan, S.R., Vijayagopal, P., Eberle, K., Radhakrishnamurthy, B. and Berenson, G.S.
Interaction of a high-affinity heparin subfraction with low-density lipoprotein stimulates cholesteryl ester accumulation in mouse macrophages (1081) 188
St. Clair, R.W., see Reagan, Jr., J.W. (1081) 202
Stein, O., Dabach, Y., Hollander, G. and Stein, Y.
Removal of cholesteryl ester from hepatic reticuloendothelial cells in vivo is not enhanced by plasma cholesteryl ester transfer protein (1081) 238
Stein, Y., see Stein, O. (1081) 238
Strickland, M.S., see Tsao, F.H.C. (1081) 141
Sugita, M., see Itonori, S. (1081) 321
Sumegi, B., Porpaczy, Z. and Alkonyi, I.
Kinetic advantage of the interaction between the fatty acid β-oxidation enzymes and the complexes of the respiratory chain (1081) 121
Sung, C.-M., see Winkler, J.D. (1081) 339
Svennerholm, L., see Gottfries, J. (1081) 253

Takikawa, H., Ohki, H., Sano, N., Kasama, T. and Yamanaka, M.
Cholestasis induced by lithocholate and its glucuronide: their biliary excretion and metabolism (1081) 39

Tarchevsky, I.A., see Grechkin, A.N. (1081) 79
Thede, C., see Seeger, W. (1081) 45
Thomas, L.M. and Holub, B.J.
Eicosanoid-dependent and -independent formation of individual [^{14}C]stearoyl-labelled lysophospholipids in collagen-stimulated human platelets (1081) 92
Tsao, F.H.C., Hull, W.M., Strickland, M.S., Whitsett, J.A., Foo, T.K.F., Zografi, G. and DeLuca Jr., P.M.
Lung calcium-dependent phospholipid-binding proteins: structure and function (1081) 141
Tsukitani, Y., see Hatch, G.M. (1081) 25

Uedelhoven, W.M., Rützel, A., Meese, C.O. and Weber, P.C.
Smoking alters thromboxane metabolism in man (1081) 197

Vance, D.E., see Hatch, G.M. (1081) 25
Van den Bosch, H., see Hardeman, D. (1081) 285
Van der Donk, E.M.M., Verhagen, J., Veldink, G.A. and Vliegenthart, J.F.G.
12-Lipoxygenase from rat basophilic leukemia cells: separation from 5-lipoxygenase and temperature-dependent inactivation by hydroperoxy fatty acid (1081) 135
Van der Pal, R.H.M., Klein, W., Van Golde, L.M.G. and Lopes-Cardozo, M.
Developmental profiles of arylsulfatases A and B in rat cerebral cortex and spinal cord (1081) 315
Van Golde, L.M.G., see Van der Pal, R.H.M. (1081) 315
Veerkamp, J.H., Peeters, R.A. and Maatman, R.G.H.J.
Structural and functional features of different types of cytoplasmic fatty acid-binding proteins (1081) 1
Veldink, G.A., see Van der Donk, E.M.M. (1081) 135
Vergara, J., see Asotra, K. (1081) 229
Verhagen, J., see Van der Donk, E.M.M. (1081) 135
Vieu, C., see Collet, X. (1081) 211
Vijayagopal, P., see Srinivasan, S.R. (1081) 188
Vliegenthart, J.F.G., see Van der Donk, E.M.M. (1081) 135

Waeg, G., see Sattler, W. (1081) 65
Walker, J., see Wojenski, C.M. (1081) 33
Weber, P.C., see Uedelhoven, W.M. (1081) 197
Westlund, P., Palmblad, J., Falck, J.R. and Lumin, S.
Synthesis, structural identification and biological activity of 11,12-dihydroxyeicosatetraenoic acids formed in human platelets (1081) 301
Whitsett, J.A., see Tsao, F.H.C. (1081) 141
Wikstrand, C.J., see Gottfries, J. (1081) 253
Wilcox, H.G. and Heimberg, M.
Effects of hyperthyroidism on synthesis, secretion and metabolism of the VLDL apoproteins by the perfused rat liver (1081) 246
Winkler, J.D., Sung, C.-M., Bennett, C.F. and Chilton, F.H.
Characterization of CoA-independent transacylase activity in U937 cells (1081) 339
Winner, D.L., see Earles, S.M. (1081) 174
Wojenski, C.M., Silver, M.J. and Walker, J.
Eicosapentaenoic acid ethyl ester as an antithrombotic agent: comparison to an extract of fish oil (1081) 33

Yamanaka, M., see Takikawa, H. (1081) 39
Yappert, M.C., see Lamba, O.P. (1081) 181
Yefremov, Y.J., see Grechkin, A.N. (1081) 79
Yoshida, Y., see Aoyama, Y. (1081) 262

Zammit, V.A., see Graham, A. (1081) 151
Zografi, G., see Tsao, F.H.C. (1081) 141